



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604**

DATE: NOV 17 2017
SUBJECT: CLEAN AIR ACT INSPECTION REPORT
PPG Industries of Ohio, Circleville, Ohio
FROM: Charles Hall, Environmental Engineer C. Hall
AECAB (MN/OH)
THRU: Brian Dickens, Section Chief
AECAB (MN/OH)
TO: File

BASIC INFORMATION

Facility Name: PPG Industries of Ohio

Facility Location: 559 Pittsburgh Road, Circleville, Ohio

Date of Inspection: 11 October 2017

EPA Inspectors:

1. Charles Hall, Environmental Engineer
2. Victoria Nelson, Environmental Engineer

Other Attendees

1. Jackie Landau, PPG ERU Manager Customer Services
2. Donna Howland, PPG, Environmental Specialist II
3. James Lute, PPG, Operations Engineer

Purpose of Inspection: tanks inspection

Facility Type: hazardous waste storage tanks for hazardous waste incinerator

Regulations Central to Inspection: The National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations, 40 C.F.R. Part 63, Subpart DD

Arrival Time: 8:25 A.M. Eastern Daylight Time

Departure Time: 12:50 P.M. Eastern Daylight Time

Inspection Type:

- ☒ Unannounced Inspection
- ☐ Announced Inspection

OPENING CONFERENCE

- ☒ Credentials Presented
- ☒ CBI warning to facility provided

The following information was obtained verbally from Landau, Howland, and Lute unless otherwise noted.

Process Description: PPG receives hazardous and non-hazardous waste from its facilities in the United States before incineration in its Energy Recovery Unit (ERU). PPG is also allowed to receive hazardous and non-hazardous waste from its facilities in Canada and Mexico, but currently does not. PPG stores liquid waste in 19 storage tanks. Four of the 19 storage tanks are located in PPG's resin plant. PPG also uses two control tanks to smooth out flow pressure from storage to the ERU. Further, PPG uses two overflow tanks to collect liquid waste in the event of a process upset in the ERU.

TOUR INFORMATION

EPA toured the facility: Yes

Data Collected and Observations: The inspection team used a forward looking infrared (FLIR) camera to look for volatile organic hazardous air pollutants on the components of the 23 tanks. The inspection team observed a small, continuous emission stream from a flanged connection on Tank 1511 (Ohio Environmental Protection Agency emission unit number T018). PPG personnel tightened the bolts on the flange before EPA had the opportunity to measure the emission concentration. The inspection team did not observe evidence of a leak from any other tank.

Photos and/or Videos: were taken during the inspection. The inspection team recorded a short video of the flange before and after tightening the bolts on the flange where the FLIR camera saw a small leak on Tank 1521, and took one picture of the flange.

Field Measurements: were not taken during this inspection.

CLOSING CONFERENCE**Requested documents:**

The inspection team requested and received the following documents:

- Daily Inventory Report (summary);
- Daily Inventory Report (details);
- Inspection Report from Welding Consultants Inc. for Tank 1501;

- Laboratory Analysis Report for Tanks 1502 and 1518;
- Tank descriptions from the most recent comprehensive performance test; and
- Section D.2 Tank Systems of its current RCRA permit.

Concerns: Other than the small leak at one flanged connection on

The inspectors did not point out any deficiencies or concerns.

SIGNATURES

Report Author: Charlie Hall Date: 11/6/17

Section Chief: Brian DeBens Date: 11/7/17

Facility Name: PPG Industries of Ohio

Facility Location: 559 Pittsburgh Road, Circleville, Ohio

Date of Inspection: 11 October 2017

APPENDIX A: DIGITAL IMAGE LOG

1. Inspector Names: Charles Hall, Victoria Nelson	2. Archival Record Location: <i>G:\Air Enforcement And Compliance Branch\MI and WNelson\PPG Circleville\Inspection 10.11.17</i>
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Image Number	File Name	Date and Time (incl. Time zone and DST)	Latitude and Longitude	Description of Image
1	MOV_2038.mp4	October 11, 2017 11:22 AM ET		FLIR video of tank component leak
2	MOV_2039.mp4	October 11, 2017 11:25 AM ET		FLIR video of tank component after repair
3	PA110001.jpg	October 11, 2017 10:21 AM CT*		Leaking tank component

*The camera used was set to Central Time. The site was located in Eastern Time.